Use of system metrics in CDF

0) What monitoring tool(s) have you found missing?
- real lifetime plot, i.e. time difference between last access and file eviction (not time difference between file staged onto disk and removed from disk, that is the time-on-disk). The lifetime distribution for each pool group (not pool) and plot of smallest maximum lifetime on each pool in a pool group as function of time (one entry per day) is needed!!!

1) What monitoring tools have you found useful?
- CDF Data Handling At A Glance web page, http://cdfsam-prd.fnal.gov/~sam/DHAtAGlance/
- dCache Cells In Trouble page http://cdfsam-prd.fnal.gov/~sam/DHAtAGlance/dcache_cellproblems.html
- Number of Files to Restore http://cdfsam-prd.fnal.gov/~sam/DHAtAGlance/restore_requests.html
- Requests to dCache Pool Groups http://cdfsam-prd.fnal.gov/~sam/DHAtAGlance/requests_2_dcache_pool_groups.html
- Ganglia monitoring of pool and admin nodes
- MRTG data
- simple custom status web page

2) What kind of data have you looked at using these tools?
- summary information
- numbers and rates as function of time

3) Describe scenatios where you had to use more than one tool or data source...
- in case of abnormalities and to debug/trace/locate problems (using the "time" to correlate the different information/plots)

4) Same for all data listed under 1:
1) an update within <= 3 minutes
2) we have looked for patters up to a year back (more coarse granularity is ok)
3) We need unique names, preferencially pre or suffixed with the origin, like "free memory reported by Ganglia"
4) I like the current values in table and the granularity step down of Ganglia, MRTG, etc. with a fine 24 hour, medium granularity week, and coarser granularity month and year plots.

5) What is the prefered way to access the data ?
- web page
- an easy to parse text web page with the current numbers for automated procedures
- easy to read web page with list of current values and corresponding graphs